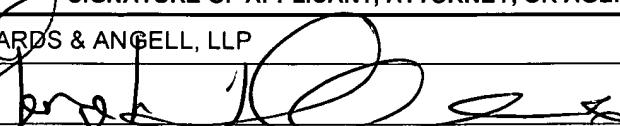


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/529,076 – Conf. #1859
		Filing Date	March 24, 2005
		First Named Inventor	Toshio Tahira, et al.
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	20	Attorney Docket Number	63,128 (70904)

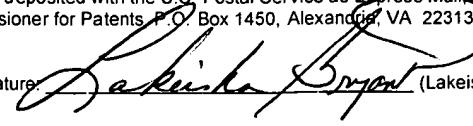
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notification of Missing Requirements under 35 U.S.C. 371 (2 pages), including duplicate copy; Declaration and Power of Attorney (12 pages); Copy of Notice (2 pages); and a Return Receipt Postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	George W. Hartnell, III		
Date	October 28, 2005	Reg. No.	42,639

**Certificate of Express Mailing**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV711312927US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 28, 2005

Signature: 

(Lakeisha Bryant)

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **(\$)** **400.00**

### Complete if Known

Application Number	10/529,076 – Conf. #1859
Filing Date	March 24, 2005
First Named Inventor	Toshio Tahira, et al.
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	63,128 (70904)

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards & Angell, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
58	- 58 =	x	=	Fee (\$)	Fee Paid (\$)

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
12	- 10 = 2	x 200.00	= 400.00	Fee (\$)	Fee Paid (\$)

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50 (round up to a whole number) x	=	

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

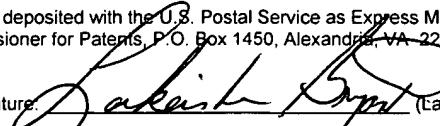
##### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	42,639	Telephone	(617) 439-4444
Name (Print/Type)	George W. Martell, III			Date	October 28, 2005

##### Certificate of Express Mailing

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV711312927US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 28, 2005

Signature:  (Lakeisha Bryant)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Toshio Tahira, et al.

Application No.: 10/529,076 - Conf. No.: 1859 Art Unit: N/A

Filed: March 24, 2005

Examiner: Not Yet Assigned

For: ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, AND APPARATUS AND METHOD FOR MANUFACTURING ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, LIQUID CRYSTAL ARRAY AND APPARATUS AND METHOD FOR MANUFACTURING LIQUID CRYSTAL, AND COLOR FILTER SUBSTRATE AND APPARATUS AND METHOD FOR MANUFACTURING COLOR FILTER SUBSTRATE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

11/03/2005 LLANDGRA 00000042 041105 10529076

01 FC:1614 Dear Sir: 400.00 DA

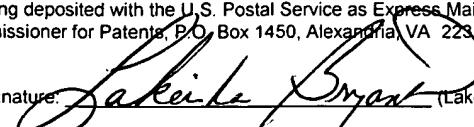
In response to the Notification of Missing Requirements – Filing Date Granted mailed October 19, 2005, Applicant respectfully submits a Declaration and Power of Attorney, \$400.00 for additional fees for independent claims over three, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$400.00 covering the fee set forth in 37 CFR 1.492(d). The Director is hereby authorized to

**Certificate of Express Mailing**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV711312927US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 28, 2005

Signature: 

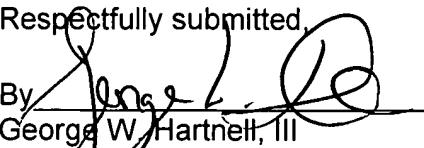
(Lakeisha Bryant)

Deposit Account No. 04-1105, under Order No. 63,128 (70904). A duplicate copy of this paper is enclosed.

Dated: October 28, 2005

Respectfully submitted,

By

  
George W. Hartnell, III

Registration No.: 42,639

EDWARDS & ANGELL, LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 439-4444

Attorneys/Agents For Applicant

DGC/GWH

63128 (70904)

Page 1 of 2



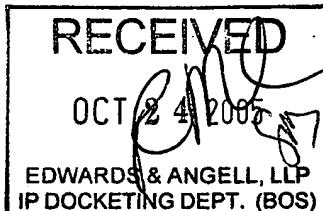
## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/529,076	Toshio Tahira	63,128 (70904)

21874  
 EDWARDS & ANGELL, LLP  
 P.O. BOX 55874  
 BOSTON, MA 02205

NOTED ON SYSTEM



INTERNATIONAL APPLICATION NO.

PCT/JP03/12124

I.A. FILING DATE	PRIORITY DATE
09/24/2003	09/24/2002

CONFIRMATION NO. 1859  
 371 FORMALITIES LETTER



\*OC000000017257974\*

Date Mailed: 10/19/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/24/2005
- Copy of the International Search Report filed on 03/24/2005
- Preliminary Amendments filed on 03/24/2005
- Information Disclosure Statements filed on 03/24/2005
- Request for Immediate Examination filed on 03/24/2005
- U.S. Basic National Fees filed on 03/24/2005
- Priority Documents filed on 03/24/2005
- Specification filed on 03/24/2005
- Claims filed on 03/24/2005
- Abstracts filed on 03/24/2005
- Drawings filed on 03/24/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$400 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$400 for a Large Entity:

- Total additional claim fee(s) for this application is \$ 400
  - \$400 for 9 independent claims over 3.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

---

Telephone: (703) 308-9140 EXT 210

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/529,076	PCT/JP03/12124	63,128 (70904)

FORM PCT/DO/EO/905 (371 Formalities Notice)

EDWARDS & ANGELL, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

Docket No.  
63,128 (70904)

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, AND APPARATUS AND METHOD FOR MANUFACTURING ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, LIQUID CRYSTAL ARRAY AND APPARATUS AND METHOD FOR MANUFACTURING LIQUID CRYSTAL ARRAY, AND COLOR FILTER SUBSTRATE AND APPARATUS AND METHOD FOR MANUFACTURING COLOR FILTER SUBSTRATE  
which is described and claimed in:

- the specification attached hereto.
- the specification in U.S. Application Serial Number 10/529,076, filed on March 24, 2005.
- the specification in PCT international application Number, PCT/JP03/12124 filed on September 24, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278217	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278221	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-281828	September 26, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120**

<b>U.S. Applications</b>		<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>	<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>				
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>		

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<b>Applicant</b>	<b>Provisional Application Number</b>	<b>Filing Date</b>

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

<b>SEND CORRESPONDENCE TO:</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b> David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
---	---

2 0 1	FULL NAME OF INVENTOR	LAST NAME <b>TAHIRA</b>	FIRST NAME <b>Toshio</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>506-1, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
2 0 2	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
2 0 3	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
2 0 4	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Toshio Tahira</i>	Signature of Inventor 202
Date: 2005.5.19	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

EDWARDS & ANGELL, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

Docket No.  
63,128 (70904)

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, AND APPARATUS AND METHOD FOR MANUFACTURING ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, LIQUID CRYSTAL ARRAY AND APPARATUS AND METHOD FOR MANUFACTURING LIQUID CRYSTAL ARRAY, AND COLOR FILTER SUBSTRATE AND APPARATUS AND METHOD FOR MANUFACTURING COLOR FILTER SUBSTRATE  
which is described and claimed in:

[ ] the specification attached hereto.  
[X] the specification in U.S. Application Serial Number 10/529,076, filed on March 24, 2005.  
[X] the specification in PCT international application Number, PCT/JP03/12124 filed on September 24, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278217	September 24, 2002	Japan	[X] YES [ ] NO
2002-278221	September 24, 2002	Japan	[X] YES [ ] NO
2002-281828	September 26, 2002	Japan	[X] YES [ ] NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit Under 35 U.S.C. §120**

<b>U.S. Applications</b>		<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>	<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>				
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>		

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<b>Applicant</b>	<b>Provisional Application Number</b>	<b>Filing Date</b>

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

<b>SEND CORRESPONDENCE TO:</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b> David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
---	---

201	FULL NAME OF INVENTOR	LAST NAME <b>TAHIRA</b>	FIRST NAME <b>Toshio</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>506-1, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
202	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
203	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
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204	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date:	Date: <i>May 17, 2005</i>
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

EDWARDS & ANGELL, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

Docket No.  
63,128 (70904)

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, AND APPARATUS AND METHOD FOR MANUFACTURING ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY ELEMENT, LIQUID CRYSTAL ARRAY AND APPARATUS AND METHOD FOR MANUFACTURING LIQUID CRYSTAL ARRAY, AND COLOR FILTER SUBSTRATE AND APPARATUS AND METHOD FOR MANUFACTURING COLOR FILTER SUBSTRATE  
which is described and claimed in:

- the specification attached hereto.
- the specification in U.S. Application Serial Number 10/529,076, filed on March 24, 2005.
- the specification in PCT international application Number, PCT/JP03/12124 filed on September 24, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278217	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278221	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-281828	September 26, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120**

<b>U.S. Applications</b>		<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>	<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>				
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>		

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<b>Applicant</b>	<b>Provisional Application Number</b>	<b>Filing Date</b>

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

<b>SEND CORRESPONDENCE TO:</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b> David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
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2 0 1	FULL NAME OF INVENTOR	LAST NAME <b>TAHIRA</b>	FIRST NAME <b>Toshio</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>506-1, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
2 0 2	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
2 0 3	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
2 0 4	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date:	Date:
Signature of Inventor 203 <i>Kazuhiko Murata</i>	Signature of Inventor 204 <i>Toshiyuki Yokoyama</i>
Date: <i>May, 20, 2005</i>	Date: <i>26th, May 2005</i>
Signature of Inventor 205	Signature of Inventor 206
Date:	Date: